

How to change rear wheel bearing on Ford Focus DAW – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FORD FOCUS (DAW, DBW) 1.8 TDCi, FORD FOCUS Saloon (DFW) 1.8 TDCi, FORD FOCUS Turnier (DNW) 1.8 TDCi

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The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – FORD FOCUS DAW. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Drive socket # 30
- Wheel impact socket #19
- Bush and bearing driver set
- Ratchet wrench
- Flat Screwdriver
- Tap wrench
- Hammer
- Rubber mallet
- Circlip pliers
- Crow bar
- Wheel chock

Replacement: wheel bearing – Ford Focus DAW. Tip from AUTODOC experts:

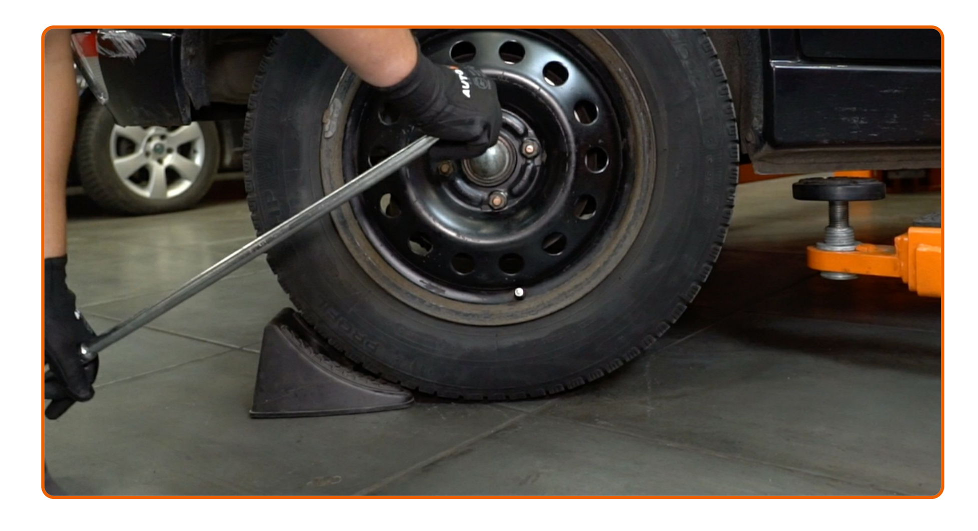
- Do not re-use the bearing assembly of your Ford Focus DAW car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – Ford Focus DAW – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #19.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Ford Focus DAW

5



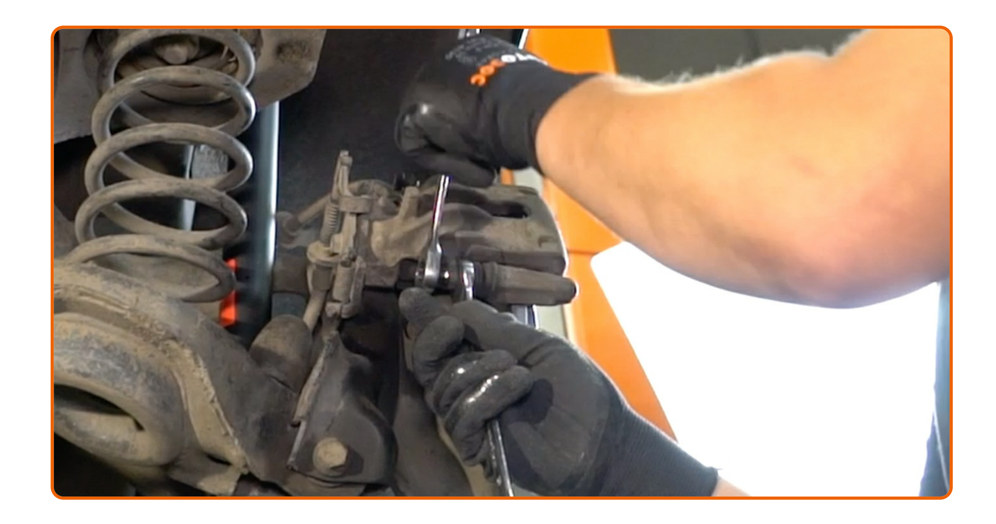
Remove the wheel.

6



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

7



Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

8



Spread the brake pads. Use a crowbar.

9



Remove the brake caliper.

Replacement: wheel bearing – Ford Focus DAW. Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

10



Remove the brake pads.

11



Unscrew the caliper bracket fastening. Use a combination spanner #13.

12



Remove the caliper bracket.

13



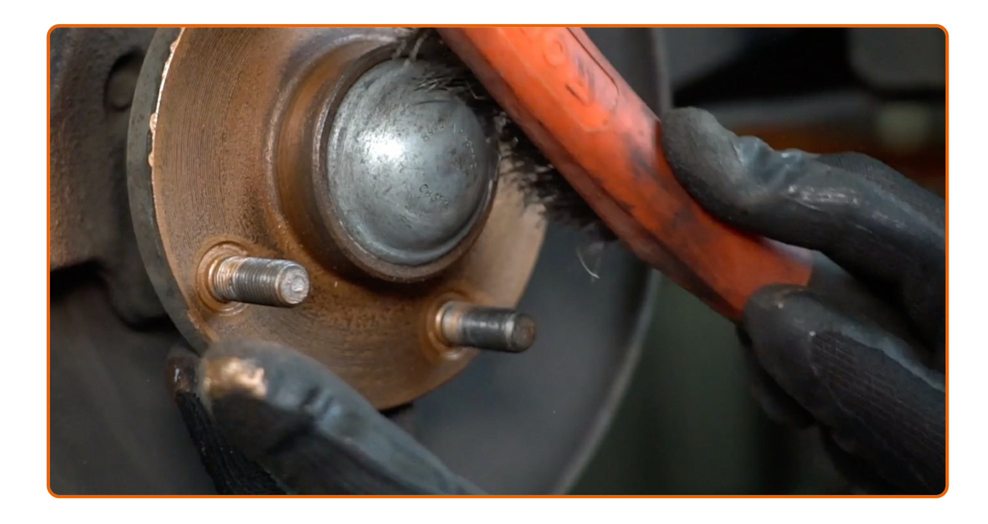
Unscrew the brake disc fastening. Use a flat screwdriver.

14



Remove the brake disc.

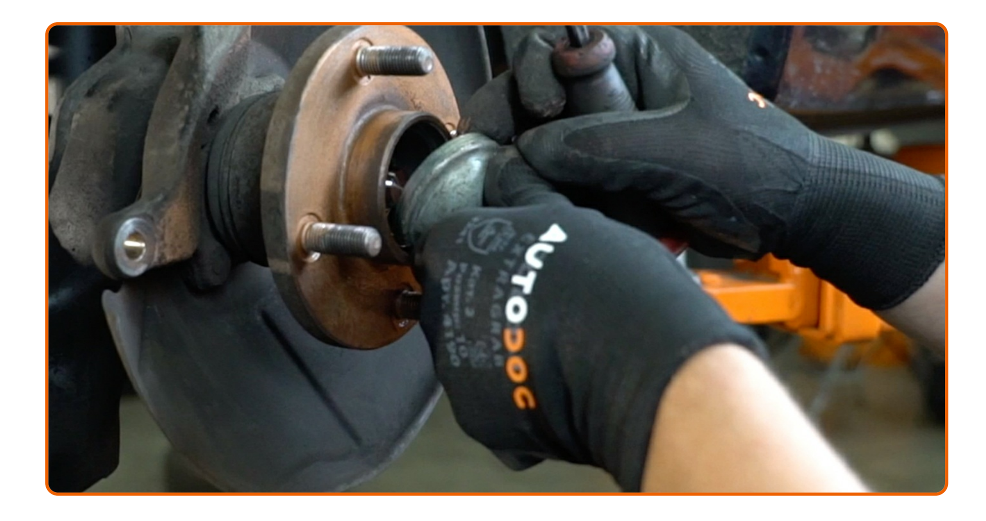
15



Clean the axle nut cover. Use a wire brush. Use WD-40 spray.

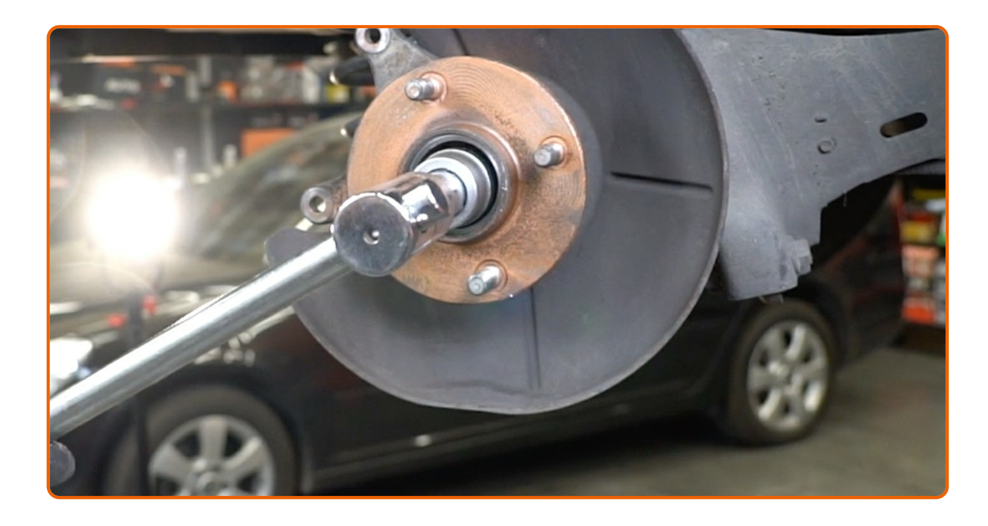


16



Remove the wheel hub nut cap. Use a crowbar. Use a hammer.

17



Unscrew the hub nut. Use a drive socket #30. Use a tap wrench.



18



Remove the hub and the bearing together, since they are a sealed unit.

19

Place the hub in the vice.

20



Clean the inner wheel bearing seal. Use WD-40 spray.

21



Remove the inner wheel bearing oil seal. Use a crowbar. Use a hammer.

22



Loosen the vice and remove the hub.

23



Remove the wheel hub bearing retaining ring. Use circlip pliers.

24



Press out the wheel hub bearing. Use a bush and bearing driver set.

25



Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

26



Press fit the new wheel hub bearing into the brake disc. Use a bush and bearing driver set.

Replacement: wheel bearing – Ford Focus DAW. AUTODOC recommends:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

27



Install the wheel hub bearing retaining ring. Use circlip pliers.

28



Press in the inner wheel bearing oil seal. Use a bush and bearing driver set. Use a hammer.

29



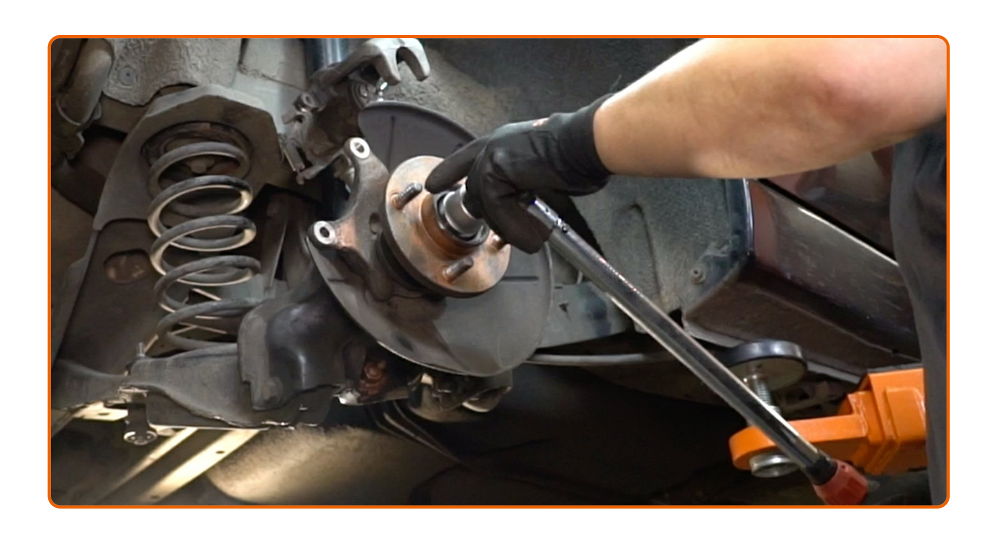
Clean the hub bearing mounting seat. Use a wire brush. Use all-purpose cleaning spray. Use WD-40 spray.

30



Install the new wheel hub with a bearing.

31

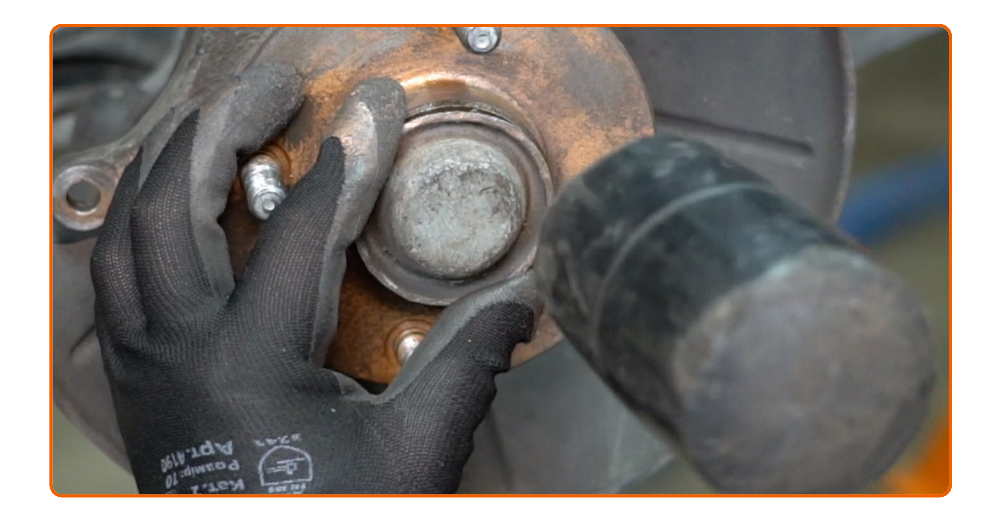


Tighten the wheel hub nut. Use a drive socket #30. Use a torque wrench. Tighten it to 172 nm torque.

Replacement: wheel bearing – Ford Focus DAW. Professionals recommend:

- The wheel bearing unit must not tilt on the axle pin.

32



Install the cap of the hub nut. Use a rubber mallet.

Replacement: wheel bearing – Ford Focus DAW. AUTODOC experts recommend:

- The cap must always be replaced. When you install the previously used cap the sealing will be lost.

33



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

34



Install the brake disc.

35



Screw in the brake disc fastener. Use a crowbar.

36

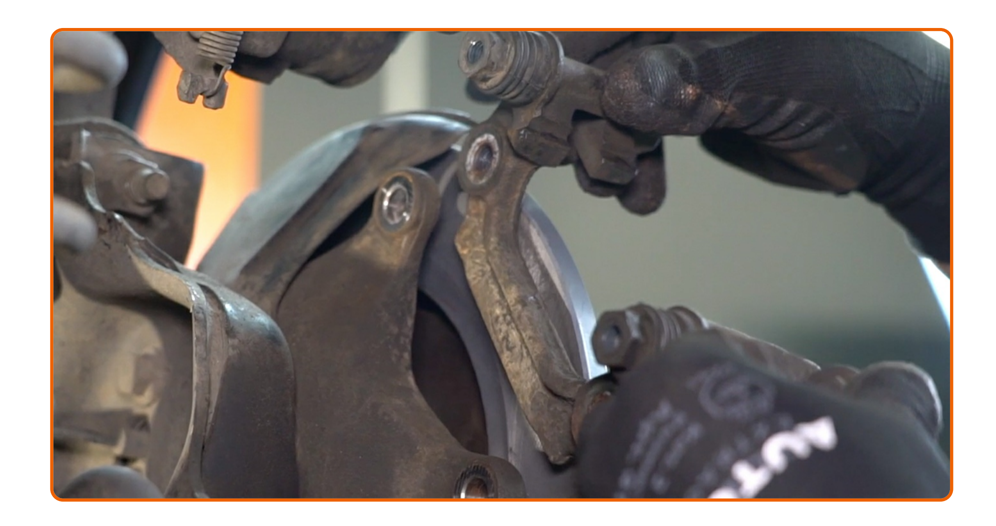


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – Ford Focus DAW. After applying the spray, wait a few minutes.

37



Install the brake caliper bracket.

38



Tighten the brake caliper bracket. Use a drive socket #13. Use a torque wrench. Tighten it to 55 nm torque.

39



Install the brake pads.

40



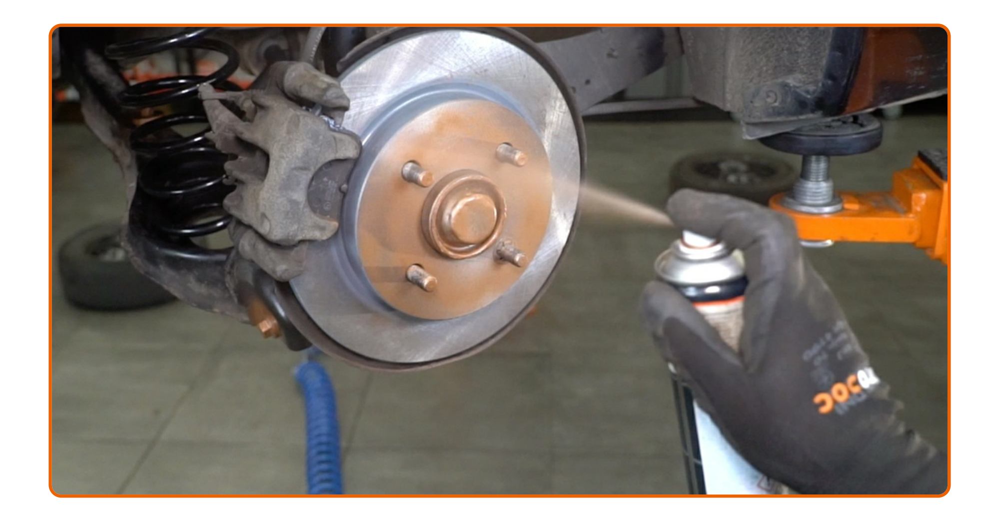
Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 nm torque.

41



Clean the wheel rim mounting seat. Use a wire brush.

42



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

43



Clean the brake disk surface. Use a brake cleaner.

Replacement: wheel bearing – Ford Focus DAW. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

44



Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Ford Focus DAW

45



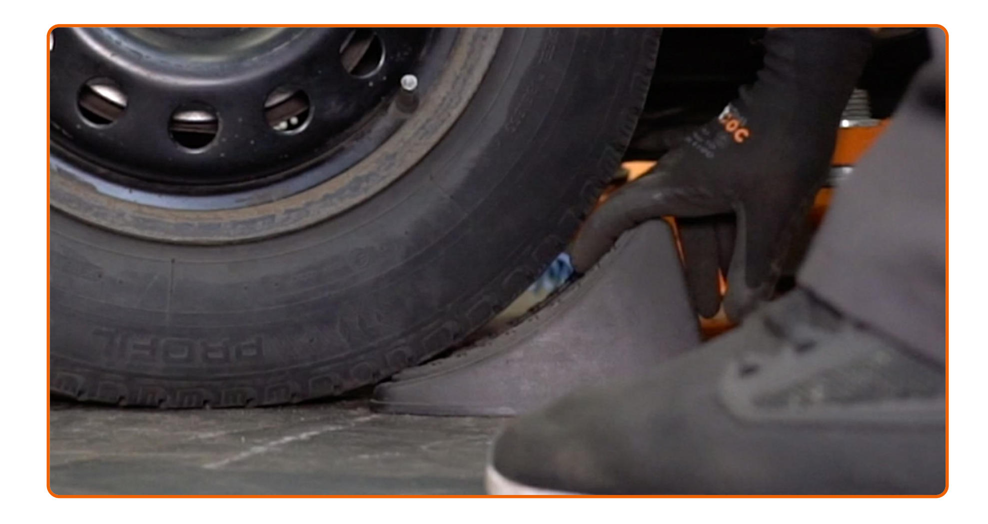
Screw in the wheel bolts. Use wheel impact socket #19.

46



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 120 Nm torque.

47



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

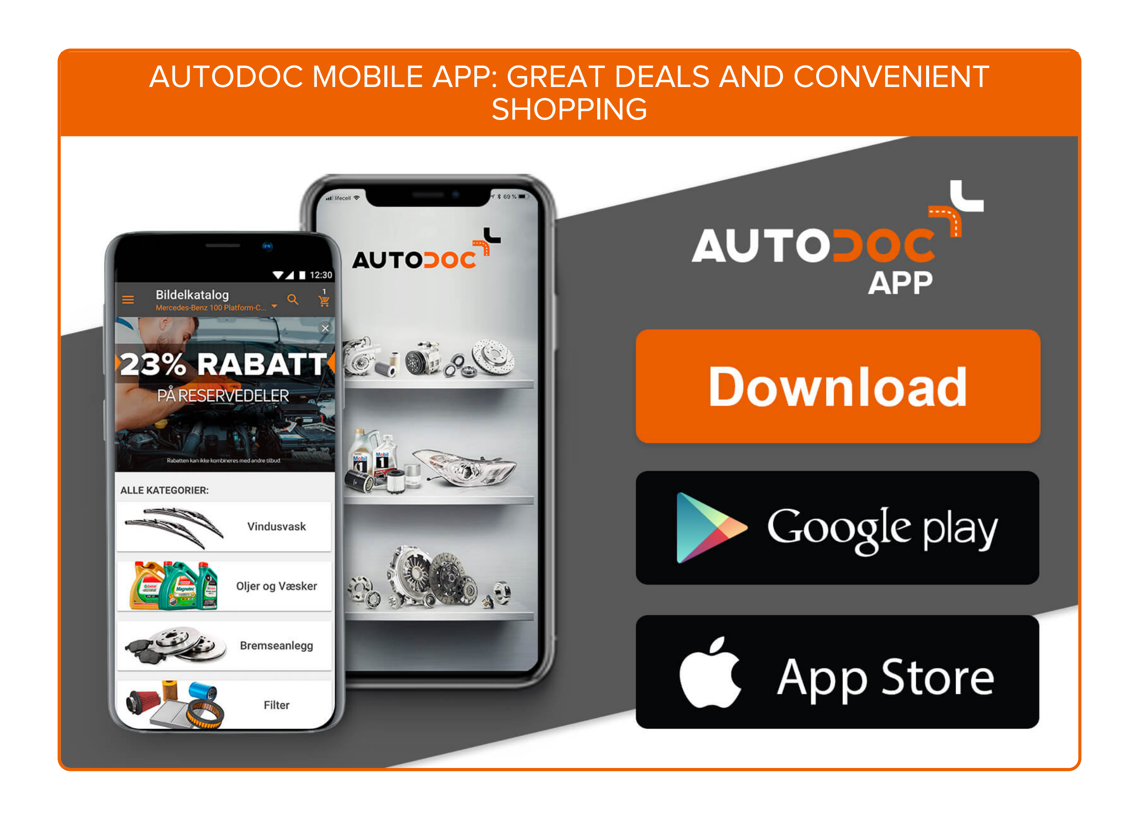


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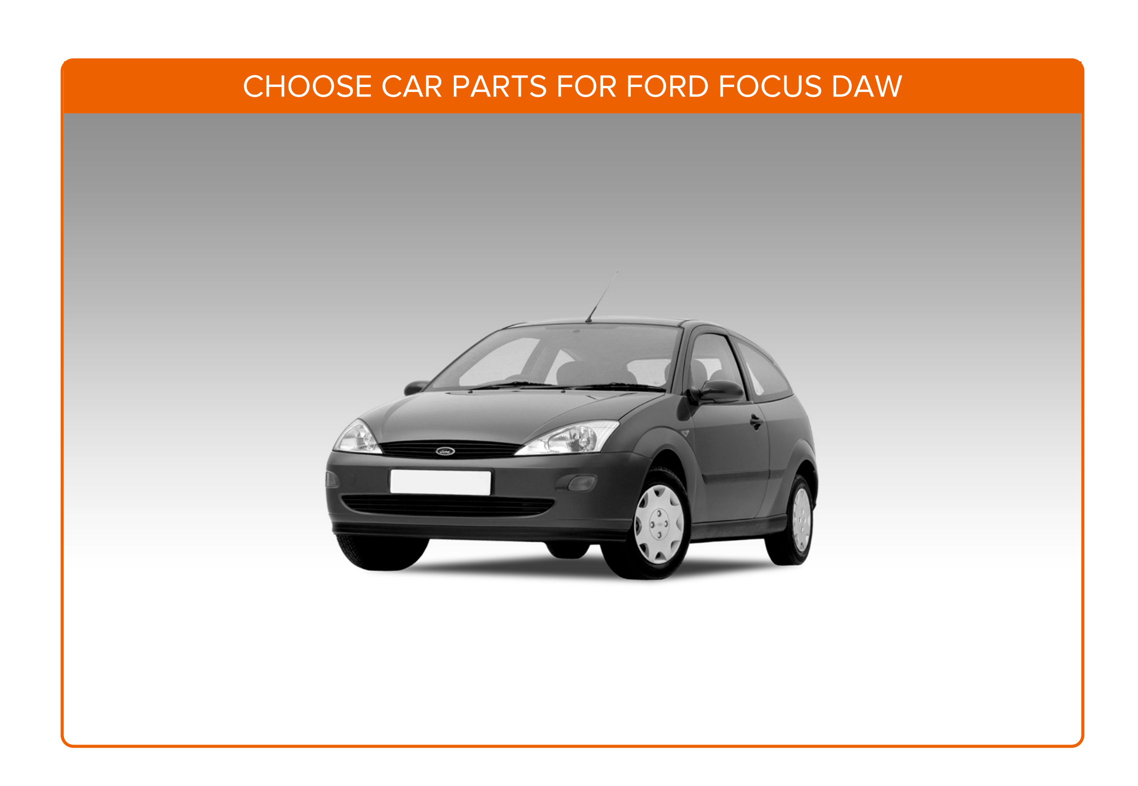


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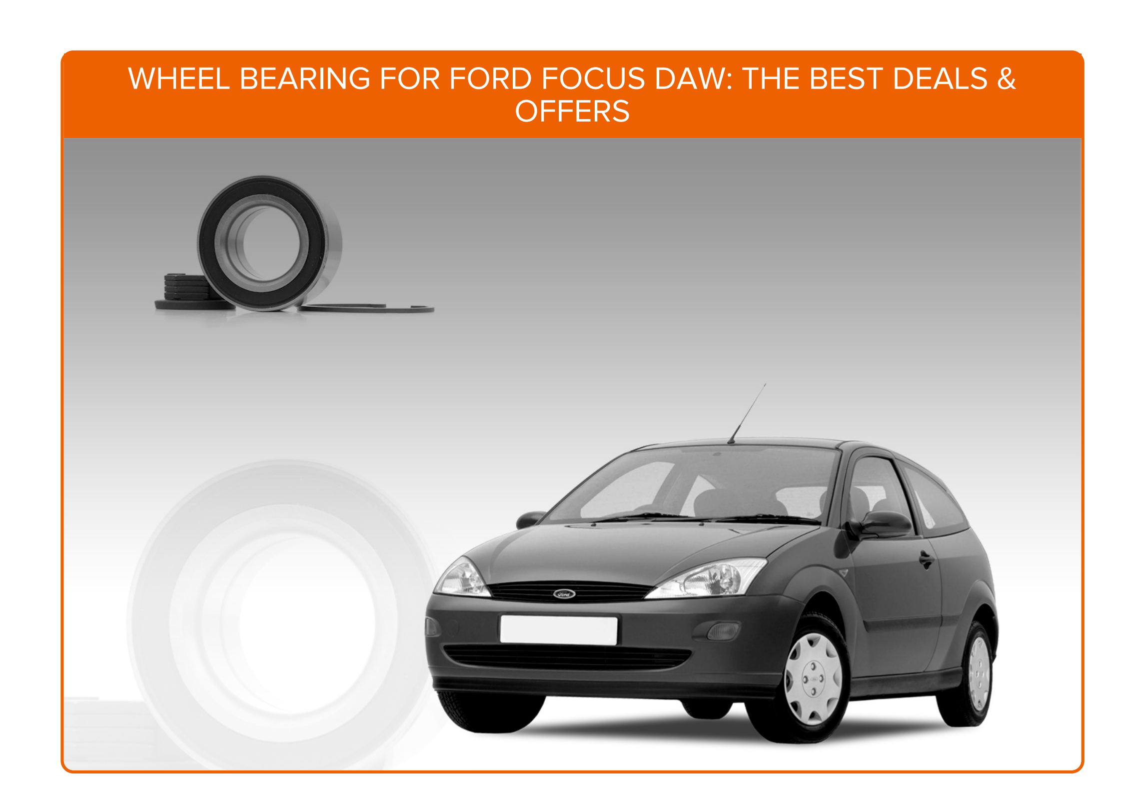

WHEEL BEARING: A WIDE SELECTION


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